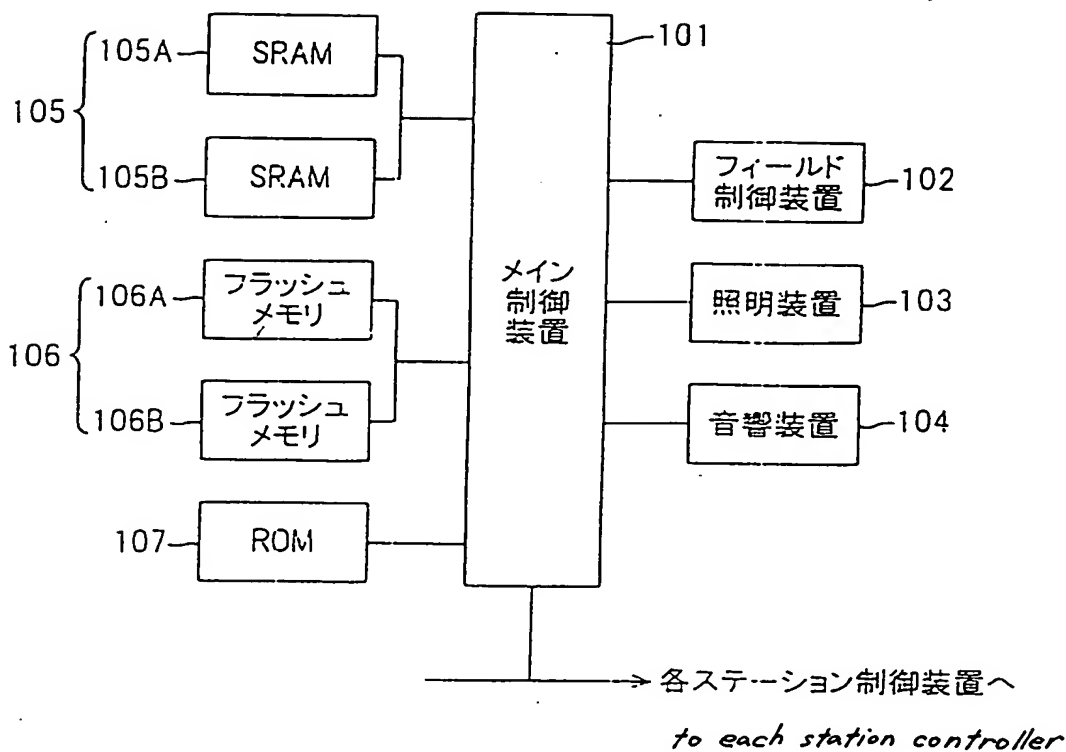


Fig. 1

100256 12501

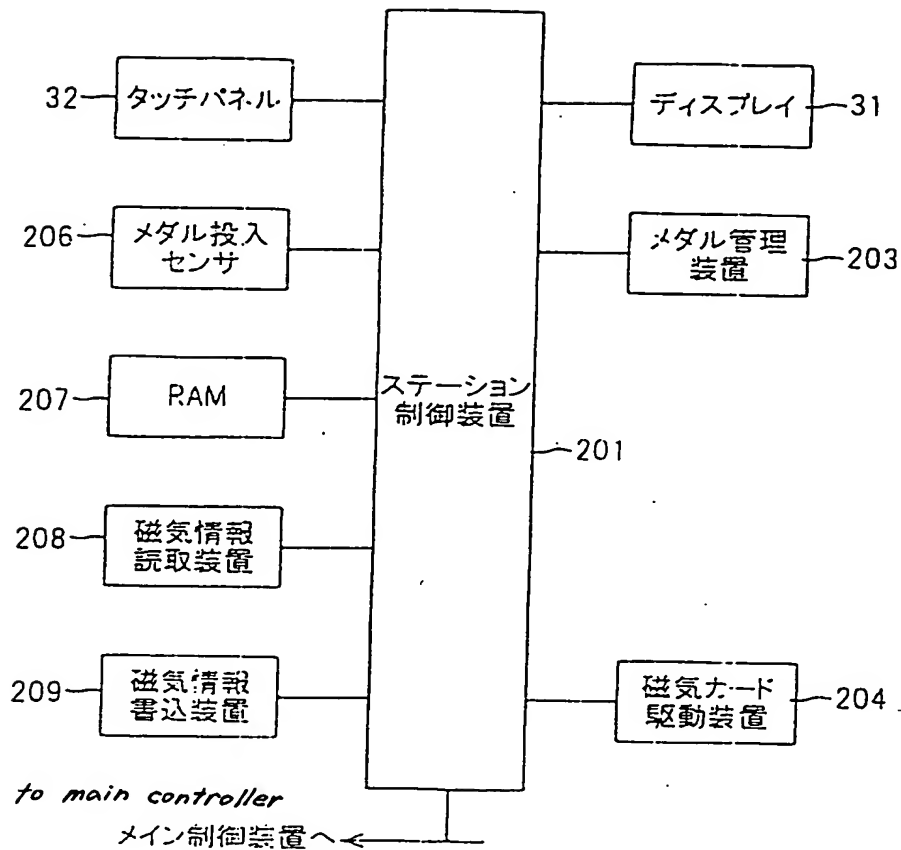
Fig. 2



- 101: main controller
- 102: field controller
- 103: lighting system
- 104: sound system
- 106A, 106B: flash memory

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Fig. 3



- 31: display
- 32: touch panel
- 201: station controller
- 203: token manager
- 204: magnetic card driver
- 206: token insertion sensor
- 208: magnetic information reader
- 209: magnetic information writer

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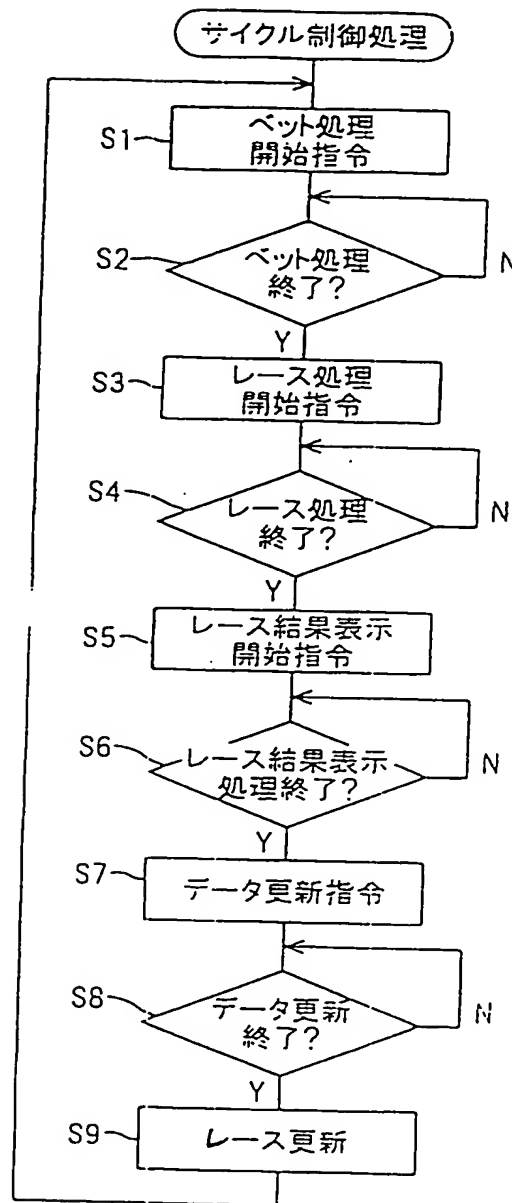
Fig. 4A

PLAYER DATA	
ID CODE	
PERSONAL INFORMATION	PLAYER'S NAME (CROWN PART OF OWNED HORSE) TOTAL NUMBER OF GAMES PLAYED
OWNED HORSE INFORMATION	NAME CODE AGE, SEX (GROWTH) TYPE INFORMATION NUMBER OF RACES PARTICIPATED SPEED, STAMMINA PHYSICAL CONDITION TOTAL ACQUIRED PRIZES PAST PERFORMANCE TRAINING STYLE
LATEST PLAYED DATE	
UPDATE INFORMATION	
CHECK CODE	

Fig. 4B

MAGNETIC CARD INFORMATION	
ID INFORMATION	ID CODE
	CHECK CODE
OTHER INFORMATION (SCREEN LAYOUT INFORMATION ETC.)	

Fig. 5



cycle control processing

S1: start betting processing

S2: betting processing is completed?

S3: start race processing

S4: race processing is completed?

S5: start race result display processing

S6: race result display processing is completed?

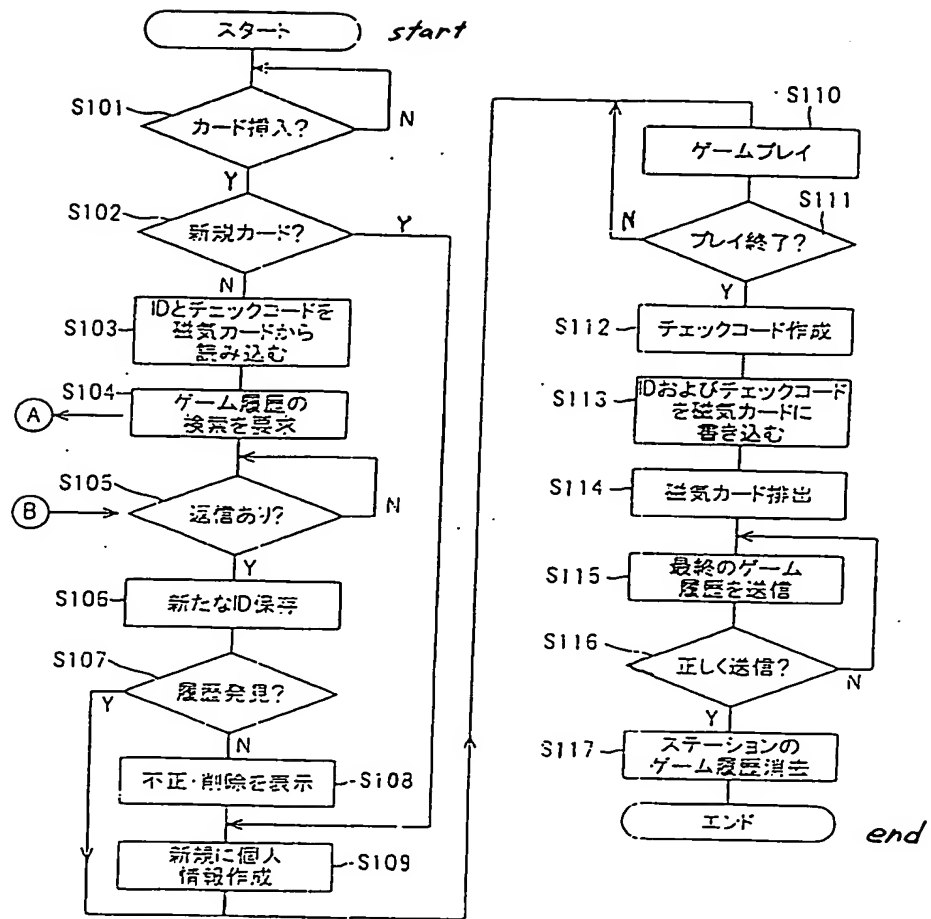
S7: start data update

S8: data update is completed?

S9: update race

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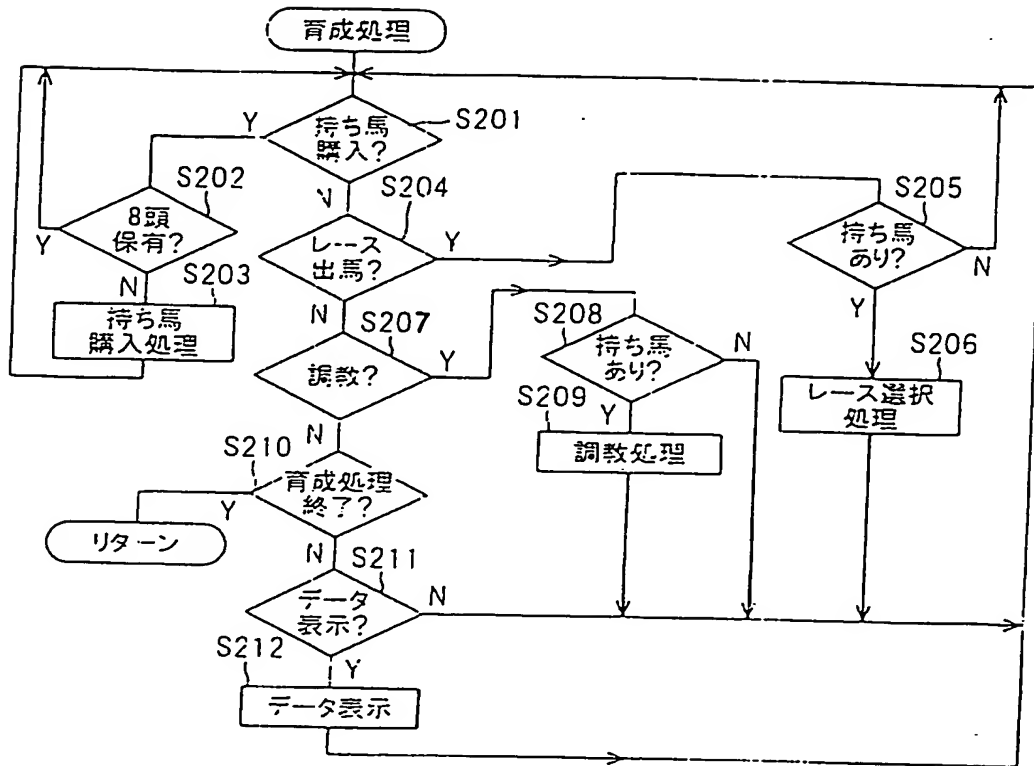
Fig. 6



- S101: magnetic card is inserted?
 S102: new card?
 S103: read out ID information from magnetic card
 S104: request to retrieve past player data
 S105: reply from main controller?
 S106: save new ID code
 S107: past player data is present?
 S108: display error message
 S109: prepare new personal information
 S110: play game
 S111: play is over?
 S112: prepare check code
 S113: write new player data onto magnetic card
 S114: eject magnetic card
 S115: transmit recent player data
 S116: transmission is successful?
 S117: delete player data on station

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Fig. 7



rearing processing

S201: horse selection is selected?

S202: 8 horses are owned?

S203: horse selection processing

S204: race selection is selected?

S205: player has any owned horse?

S206: race selection processing

S207: training is selected?

S208: player has any owned horse?

S209: training processing

S210: rearing processing is terminated?

return

S211: data display is selected?

S212: data display processing

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T0502T 95T200T

Fig. 8

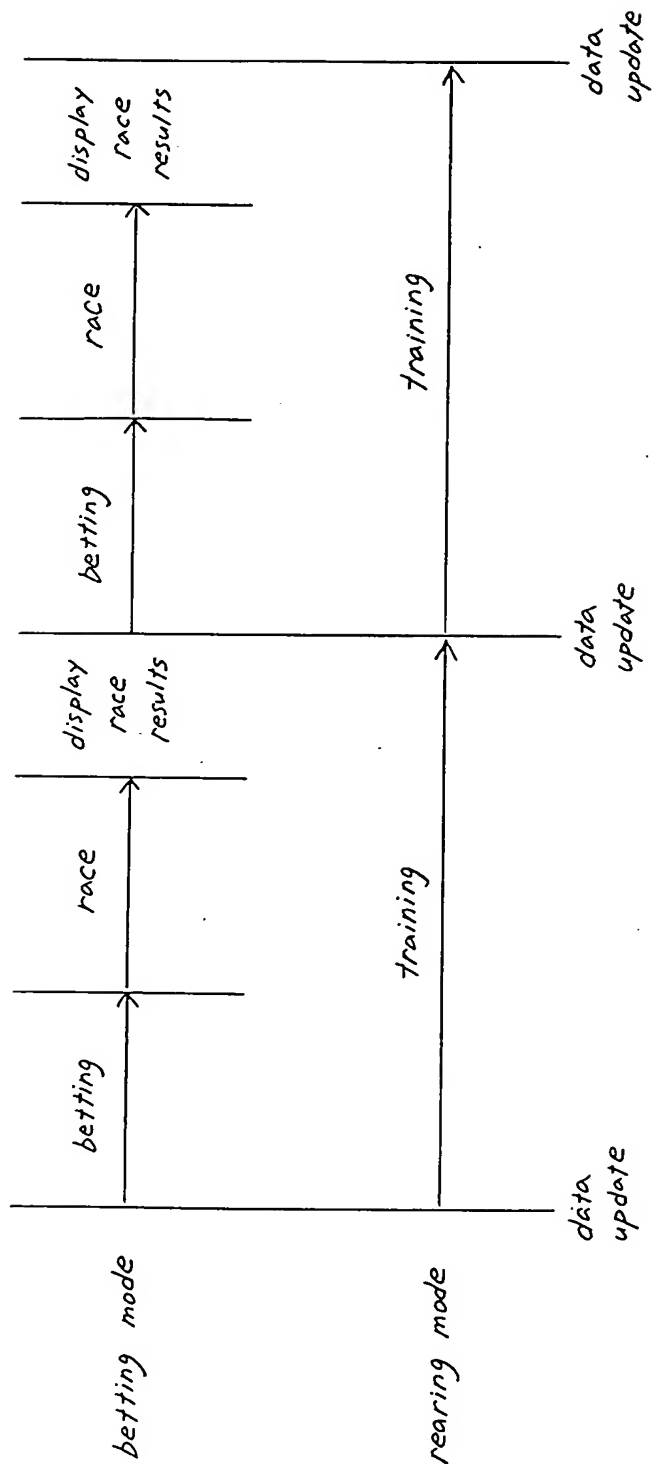
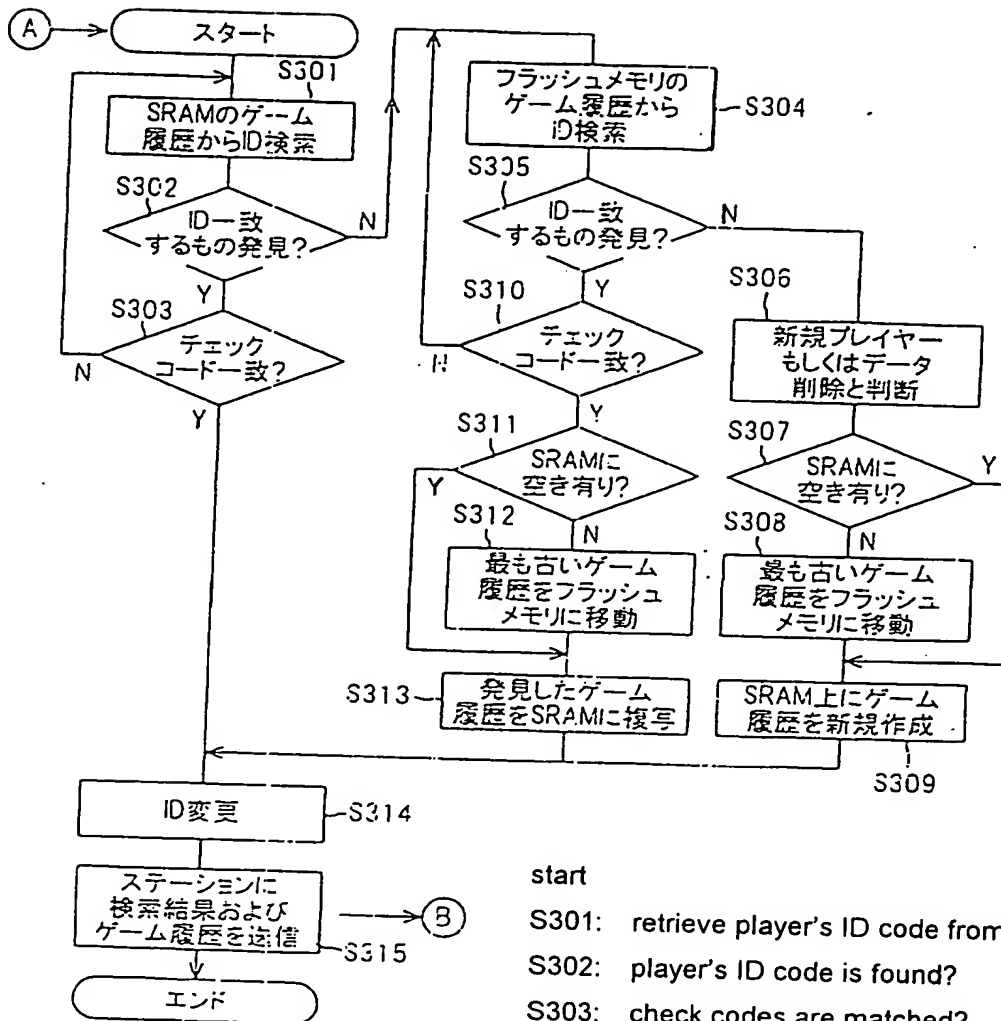


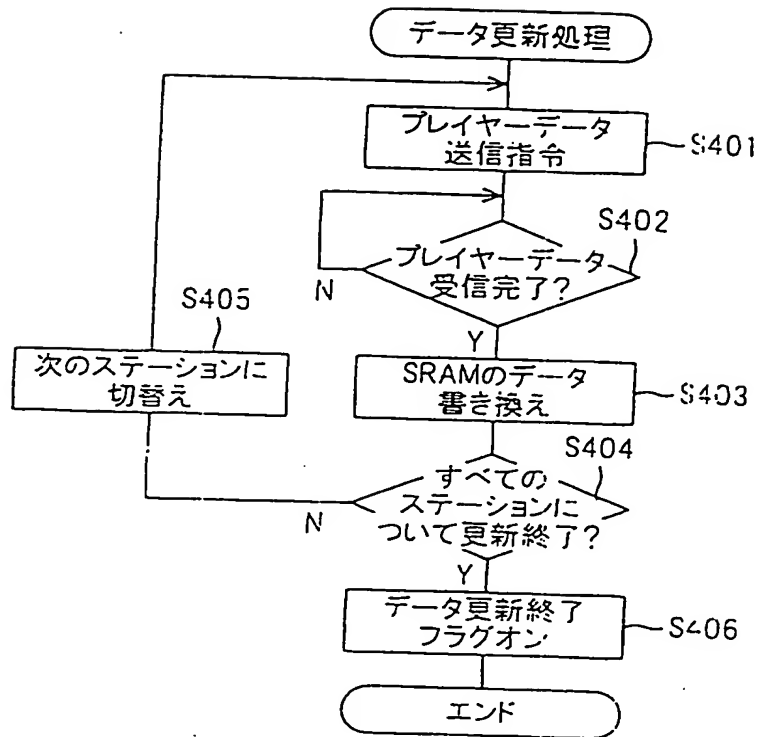
Fig. 9



- start
- S301: retrieve player's ID code from SRAM
- S302: player's ID code is found?
- S303: check codes are matched?
- S304: retrieve player's ID code from flash memory
- S305: player's ID code is found?
- S306: new player or player data was deleted
- S307: free space is available in SRAM?
- S308: move oldest player data to flash memory
- S309: prepare new player data in SRAM
- S310: check codes are matched?
- S311: free space is available in SRAM?
- S312: move oldest player data to flash memory
- S313: copy found player data to SRAM
- S314: prepare new ID code
- S315: transmit retrieval result and player data to station
- end

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Fig. 10



data update processing

S401: receive instruction for transmitting player data

S402: player data reception is completed?

S403: update data in SRAM

S404: data update is completed in all stations?

S405: switch to next station

S406: turn on data update end flag

end


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Fig. 11

TEST 95T2000T

Player Name Registration

K	E	N	T				
---	---	---	---	--	--	--	--



Q	W	E	R	T	Y	U	I	O	P
---	---	---	---	---	---	---	---	---	---

A	S	D	F	G	H	J	K	L
---	---	---	---	---	---	---	---	---

Z	X	C	V	B	N	M
---	---	---	---	---	---	---

Shift

Enter

Fig. 12

FIG. 12

Horse Selection

Comment

Kent Dreamer is ...

7 horses are owned.

Kent Emperor
Kent Candle
Kent Brian
Kent Cap
Kent Royal
Kent Blue
Kent Master

Brief Horse Data

Kent Prince

Purchase
200

Comment

Kent Dreamer

Purchase
200

Comment

Kent Winds

Purchase
200

Comment

Data

Horse

Race

Training

Rearing

Betting

Credit

You can purchase 1 more.

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Fig. 13

T0502T" 95F2000T

Race Selection

Kent Dreamer

Retire

Detailed Horse Data

New York Cup

Swan Stakes

Japan Memorial

Fuji Stakes

July Cup

Detailed Race Data

NO

5 OK

NO

5 OK

Closed

Brief Horse Data

Kent Emperor	NO	OK	NO	OK	Closed
Kent Candle	OK	OK	OK	OK	Closed
Kent Brian	NO	OK	NO	OK	Closed
Kent Cop	OK	OK	OK	OK	Closed
Kent Royal	NO	OK	NO	OK	Closed
Kent Blue	NO	OK	NO	OK	Closed
Kent Master	NO	NO	NO	NO	Closed
Kent Dreamer	NO	OK	NO	OK	Closed

Data

Horse

Race

Training

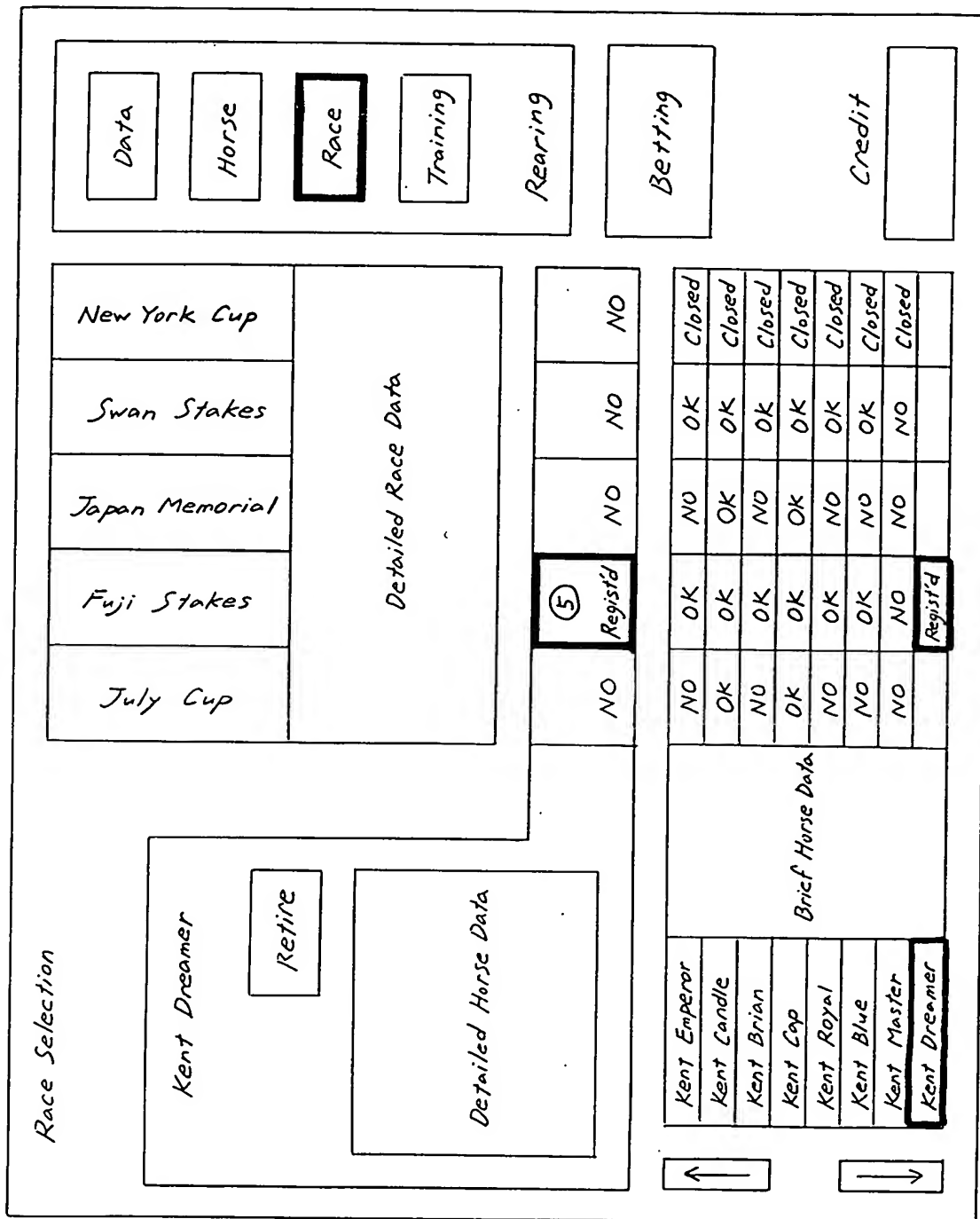
Rearing

Betting

Credit

SECRET

Fig. 14



105021" 95120001

Fig. 15

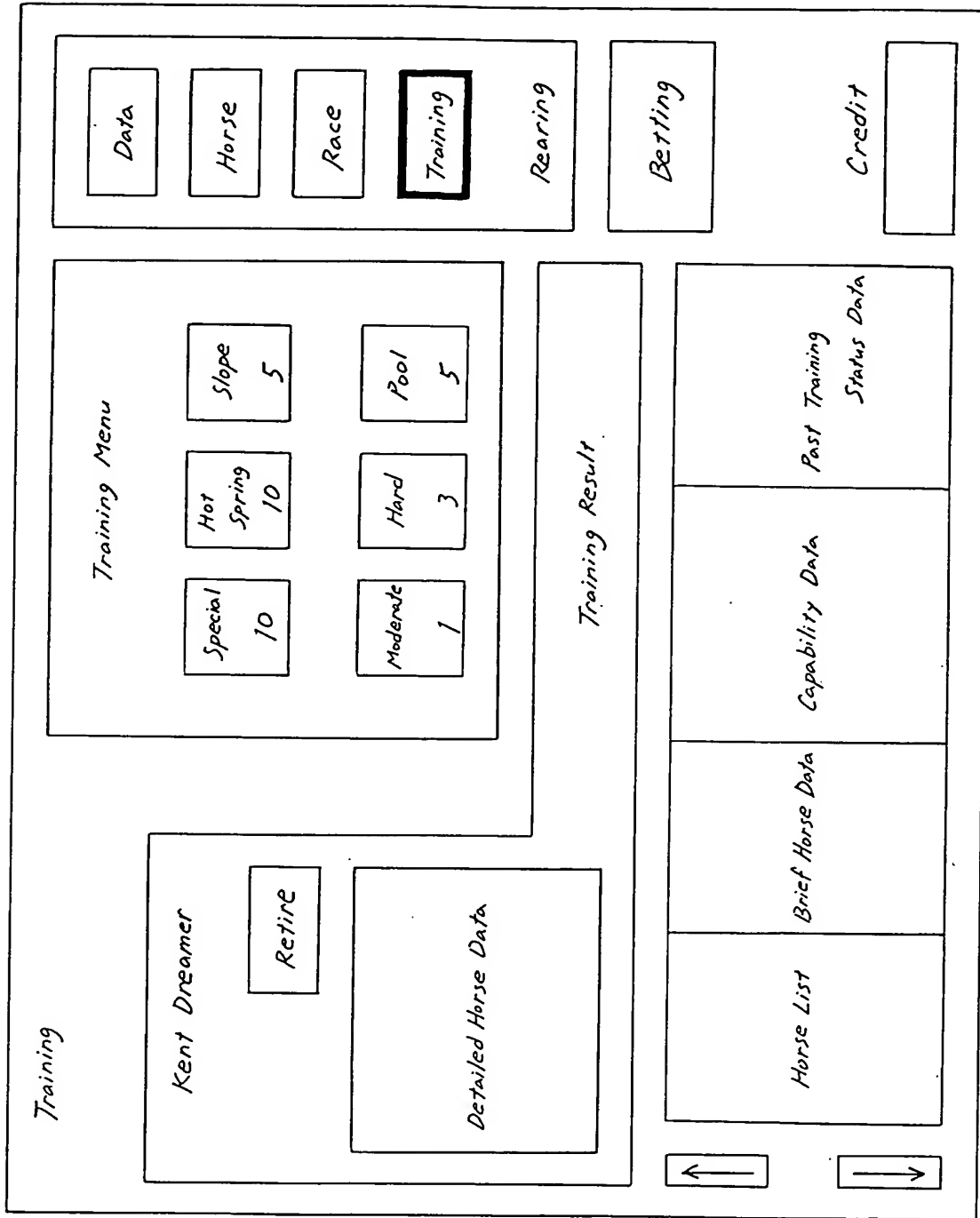


Fig. 16

Fuji Stakes

Detailed Race Data

Horse List

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Detailed Horse Data

Combined Bet

1-2	93.9
1-3	21.6
2-3	334.1
1-4	6.5
2-4	171.8
3-4	32.6
1-5	7.8
2-5	234.1
3-5	41.2
1-6	50.9
2-6	406.1
3-6	175.4
1-7	3.8
2-7	115.6
3-7	21.5
1-8	23.4
2-8	354.6
3-8	101.2

Win Ticket

1	10	2.5
5	6.5	
6	68.6	
7	2.5	
8	15.2	
3	3.2	
4	5.3	

Rearing

Betting

Box Bet

1	2	3	4
5	6	7	8

Credit

T0502T" 95T2000T

Fig. 17

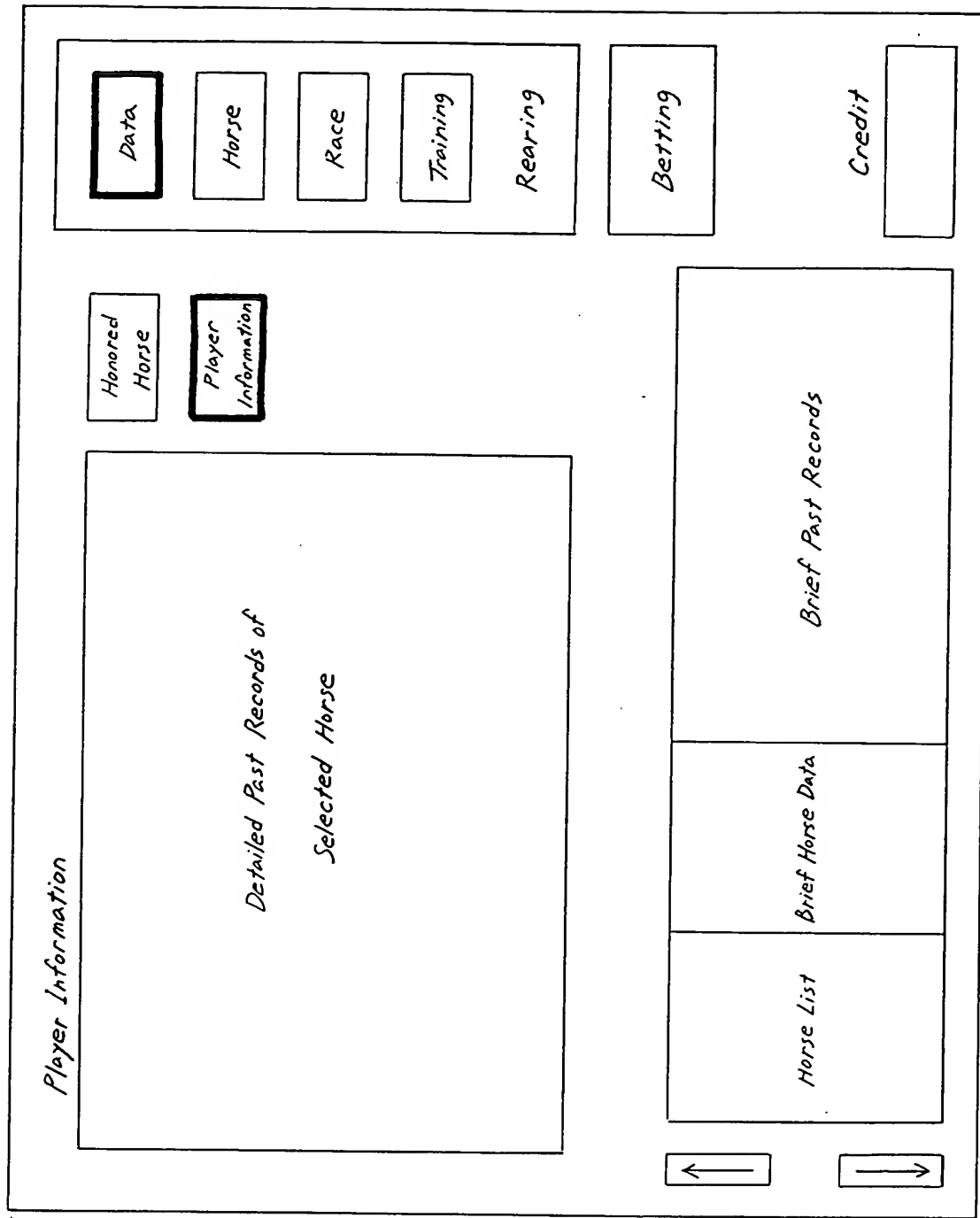


Fig. 18

10002156-12050T

Race Selection

Kent Dreamer

Retire

Are you sure?

Yes

No

Detailed Race Data

New York Cup	Swan Stakes	Japan Memorial	Fuji Stakes	July Cup
--------------	-------------	----------------	-------------	----------

NO	Regist'd	NO	NO	NO
----	----------	----	----	----

NO	OK	NO	OK	Closed
OK	OK	OK	OK	Closed
NO	OK	NO	OK	Closed
OK	OK	OK	OK	Closed
NO	OK	NO	OK	Closed
NO	OK	NO	OK	Closed
NO	NO	NO	NO	Closed
NO	Regist'd			

Data

Horse

Race

Training

Rearing

Betting

Brief Horse Data

Kent Emperor
Kent Candle
Kent Brian
Kent Cap
Kent Royal
Kent Blue
Kent Master
Kent Dreamer

Credit

Fig. 19

Honored Horse

rank	horse	detailed past records
1	Kent Dreamer	
2	George Storm	
3		
4		
5		
6		

Honored Horse

Player Information

Data

Horse

Race

Training

Rearing

Betting

Credit

↑

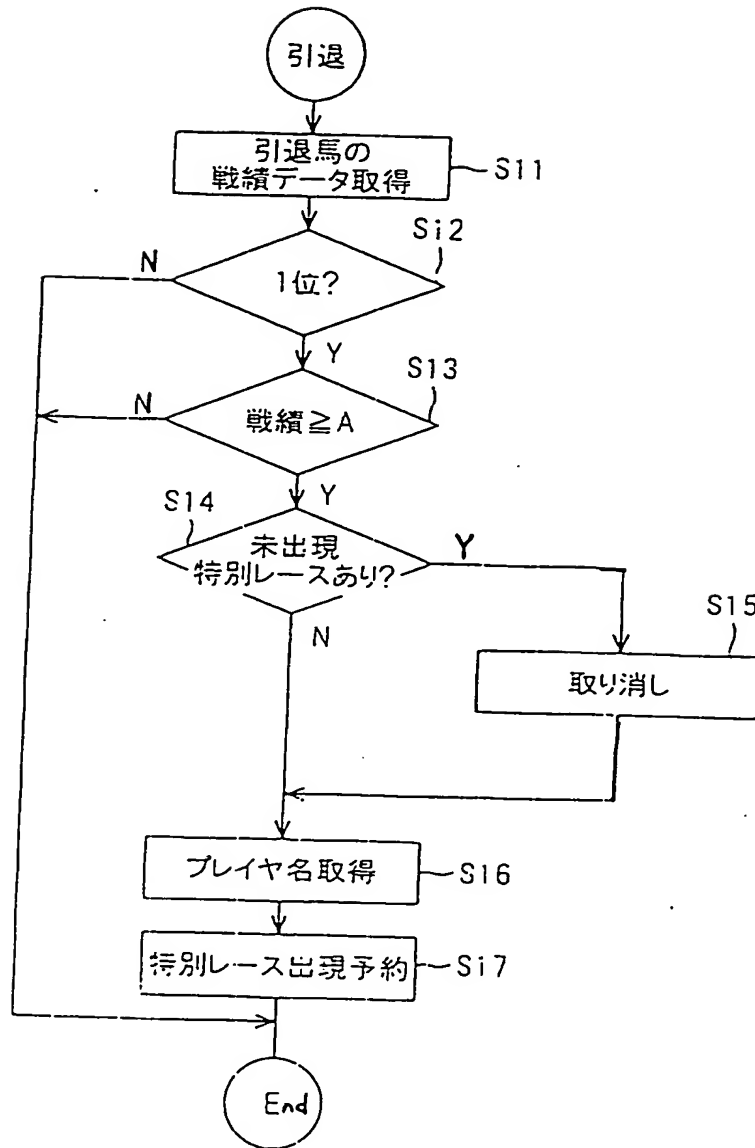
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Horse List

Brief Horse Data

Brief Past Records

Fig. 20



retirement processing

- S11: acquire past records data of retired horse
- S12: retired horse is first in honored horse ranking?
- S13: past records of retired horse satisfies predetermined requirement?
- S14: reserved special race exists?
- S15: cancel reserved special race
- S16: acquire player name
- S17: reserve special race establishment

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Fig. 21

Race Selection

Kent Prince

Retire

Detailed Horse Data

Kent Memorial

Swan Stakes

Japan Memorial

Fuji Stakes

July Cup

Detailed Race Data

Kent Emperor

Kent Candle

Kent Brian

Kent Cop

Kent Royal

Kent Blue

Kent Master

Kent Prince

NO

OK

NO

OK

NO

OK

NO

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Fig. 22

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